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(54) SEALED ALKALINE STORAGE BATTERY

(57)Abstract:

PURPOSE: To obtain a sealed alkaline storage battery having long charge-discharge cycle life and high capacity by using a hydrogen absorption alloy containing a specified amount of La, and Co and at least one of a specified metal elements as a negative electrode.

CONSTITUTION: A hydrogen absorption alloy indicated in the formula, in which Mm is the mixture of at least three rare earth metals and the content of La in the mixture is limited to 50-70wt% is used as a negative electrode of a sealed alkaline storage battery. By using this negative electrode, a storage battery whose internal pressure increase is suppressed and cycle life is increased is obtained.

$$\text{Mn}, \text{Ni}, \text{Co}, \text{Mn} \quad (\text{其中}, 1, 5 < x < 6, 0,$$

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